|          |        |  |  | 56 "                | 51 .    | T. 0             |
|----------|--------|--|--|---------------------|---------|------------------|
| Ref<br># | Hits   | Search Query   | DBs  | Default<br>Operator | Plurals | Time Stamp       |
| L1       | 65     | ((cache or memory or storage or<br>queue) with (updat\$3 or chang\$3)<br>with (transmi\$5 or transf\$5 ) with<br>(object or data or information or<br>stream)) and (financial) and<br>((evaluat\$3 or compar\$3 or<br>measur\$3) with (rule or filter\$3)) | US-PGPUB;<br>USPAT   | OR                  | ON      | 2006/08/28 08:16 |
| L2       | . 66   | ((cache or memory or storage or queue) with (updat\$3 or chang\$3) with (transmi\$5 or transf\$5 ) with (object or data or information or stream)) and (financial ) and ((evaluat\$3 or compar\$3 or measur\$3) with (rule or filter\$3))                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/08/28 08:20 |
| L3       | 1466   | (state status charact\$5 situation condition) with ((client node user ) near5 (queue log stucture)) with (data info information object)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/08/28 08:28 |
| L4       | 334306 | ((data info information ) near5<br>(deliver\$4 transfer\$4 transmi\$4<br>distribut\$3)).ab.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/08/28 08:28 |
| L5       | 222    | I4 and ((state status charact\$5 situation condition) with ((client node user) near5 (queue log stucture)) with (data info information object))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/08/28 08:45 |
| L6       | 2591   | (identif\$3 analyz\$3 determin\$3 )<br>same ((aggregat\$3 collect\$3<br>assemble\$3 accumulat\$4<br>combin\$3) with (queue stucture<br>log ) with (data info information<br>state status situation condition ))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/08/28 08:43 |
| L7       | 13     | l6 and 709/250.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/08/28 08:51 |

| L8  | 6      | l6 and 709/213.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2006/08/28 08:51 |
|-----|--------|--|--|------|----|------------------|
| L9  | 6      | l6 and 709/216.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2006/08/28 08:45 |
| L10 | 1      | I5 and 709/213.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2006/08/28 08:52 |
| L11 | 4      | l6 and 709/214.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2006/08/28 08:47 |
| L12 | 0      | I6 and 709/2227.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2006/08/28 08:47 |
| L13 | 18     | l6 and 709/227.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR . | ON | 2006/08/28 08:53 |
| L14 | 283910 | ((deliver\$3 transfer\$4 transmi\$5 ) near4 (data info inforamtion)).ab. | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT;<br>IBM_TDB           | OR   | ON | 2006/08/28 08:49 |
| L15 | 244    | l14 and 709/213.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2006/08/28 08:49 |

| ·   |       |   | ,  |    |    |                  |
|-----|-------|---|--|----|----|------------------|
| L16 | 8571  | (((deliver\$3 transfer\$4 transmi\$5 ) near4 (data info inforamtion)) and (format near5 (data info information ))).ab.    | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2006/08/28 08:51 |
| L17 | 10018 | (((deliver\$3 transfer\$4 transmi\$5 ) near4 (data info inforamtion)) and (format\$3 near5 (data info information ))).ab. | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2006/08/28 08:51 |
| L18 | 15    | l17 and 709/250.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/28 08:51 |
| L19 | 11    | l17 and 709/213.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/28 08:51 |
| L20 | 11    | l17 and 709/213.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/28 09:00 |
| L21 | 16    | l17 and 709/227.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/28 08:57 |
| L22 | 9     | I17 and 705/35.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/28 08:59 |
| L23 | 7     | I6 and 705/35.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/28 08:56 |

| L24 | 679     | cach\$3 with state with object  | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2006/08/28 08:57 |
|-----|---------|---|--|----|----|------------------|
| L25 | 11      | l24 and 709/227.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/28 08:57 |
| L26 | 1124274 | (cach\$3 memory storage queue<br>structur\$3) with (event chang\$5<br>condition situatin state status)                | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2006/08/28 08:58 |
| L27 | 4160206 | (cach\$3 memory storage queue<br>structur\$3) with (event chang\$5<br>condition situatin state status)<br>object      | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2006/08/28 08:59 |
| L28 | 51130   | (cach\$3 memory storage queue<br>structur\$3) with (event chang\$5<br>condition situatin state status)<br>with object | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2006/08/28 08:59 |
| L29 | 30      | l28 and 705/35.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/28 08:59 |
| L30 | 0       | I29 and 709/213.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/28 09:00 |
| L31 | 108     | l28 and 709/213.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/28 09:00 |
| S1  | 0       | cach\$3 with state with objet   | US-PGPUB;<br>USPAT   | OR | ON | 2004/10/28 07:24 |
| S2  | 481     | cach\$3 with state with object  | US-PGPUB;<br>USPAT   | OR | ON | 2006/08/28 08:56 |

| S3         | 5    | cach\$3 with state with object with pool                                  | US-PGPUB;<br>USPAT           | OR   | ON  | 2004/10/28 07:25 |
|------------|------|---|------------------------------|------|-----|------------------|
| S4         | 951  | cach\$3 with state with current   | US-PGPUB;<br>USPAT           | OR   | ON  | 2004/10/28 07:27 |
| S5         | 598  | cach\$3 with (state near2 current)  | US-PGPUB;<br>USPAT           | OR   | ON  | 2004/10/28 07:26 |
| S6         | 7    | (pool near2 cach\$3) with (state near2 current)                           | US-PGPUB;<br>USPAT           | OR   | ON  | 2004/10/28 07:27 |
| S7         | 880  | cache with state with current   | US-PGPUB;<br>USPAT           | OR   | ON  | 2004/10/28 07:27 |
| S8         | 7    | cache with state with current with pool                                   | US-PGPUB;<br>USPAT           | OR · | ON  | 2004/10/28 07:28 |
| <b>S</b> 9 | ' О  | "6061763".pn. and state   | US-PGPUB;<br>USPAT           | OR   | ON  | 2004/10/28 07:28 |
| S10        | 1    | "6061763".pn. and status  | US-PGPUB;<br>USPAT           | OR   | ON  | 2004/10/28 07:36 |
| S11        | 0    | cache with refelct\$3 with state  | US-PGPUB;<br>USPAT           | OR   | ON  | 2004/10/28 07:36 |
| S12        | 296  | cache with reflect\$3 with state  | US-PGPUB;<br>USPAT           | OR   | ON  | 2004/10/28 07:36 |
| S13        | 140  | cache near3 reflect\$3 near3 state  | US-PGPUB;<br>USPAT           | OR   | ON  | 2004/10/28 07:36 |
| S14        | 2    | cache near3 reflect\$3 near3 state near3 pool                             | US-PGPUB;<br>USPAT           | OR   | ON  | 2004/10/28 07:37 |
| S15        | 0    | (cache near3 reflect\$3 near3 state) with (multiple or many)              | US-PGPUB;<br>USPAT           | OR   | ON  | 2004/10/28 07:37 |
| S16        | 140  | (cache near3 reflect\$3 near3 state)                                      | US-PGPUB;<br>USPAT           | OR   | ON  | 2004/10/28 07:40 |
| S17        | 3    | (cache near3 reflect\$3 near3 state) with object                          | US-PGPUB;<br>USPAT           | OR   | ON  | 2004/10/28 07:39 |
| S18        | 46   | (cache near3 reflect\$3 near3 state) with updat\$3                        | US-PGPUB;<br>USPAT           | OR   | ON  | 2004/10/28 07:40 |
| S19        | 1    | "20020138389".pn.   | US-PGPUB;<br>USPAT           | OR   | ON  | 2004/10/28 08:09 |
| S20        | 2260 | ( process\$3 with (stream or real-time) with data).ab.                    | US-PGPUB;<br>USPAT           | OR   | ON  | 2006/08/24 12:55 |
| S21        | 174  | ( process\$3 with (stream or real-time) with data).ab. and "709"/\$.ccls. | US-PGPUB;<br>USPAT           | OR   | ON  | 2004/10/04 08:19 |
| S22        | 1    | ("5812987").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR   | OFF | 2004/10/04 08:19 |

| S23 | 1   | ("6052673").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/10/04 08:20 |
|-----|-----|--|------------------------------|----|-----|------------------|
| S24 | 1   | ("6125355").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/10/04 08:20 |
| S25 | 0   | "20020016839".URPN.  | USPAT                        | OR | ON  | 2004/10/06 07:57 |
| S26 | 0   | "20020016839".URPN.  | USPAT                        | OR | ON  | 2004/10/04 08:21 |
| S27 | 2   | "6546421".URPN.  | USPAT                        | OR | ON  | 2004/10/04 08:24 |
| S28 | 11  | (( process\$3 with (stream or real-time) with data) and financial).ab.   | US-PGPUB;<br>USPAT           | OR | ON  | 2004/10/04 08:25 |
| S29 | 181 | ( process\$3 with (stream or real-time) with data).ti.   | US-PGPUB;<br>USPAT           | OR | ON  | 2004/10/04 08:43 |
| S30 | 0   | "20020056004".URPN.  | USPAT                        | OR | ON  | 2004/10/04 08:30 |
| S31 | 0   | "20020056004".URPN.  | USPAT                        | OR | ON  | 2004/10/04 08:30 |
| S32 | 0   | "20020054349".URPN.  | USPAT                        | OR | ON  | 2004/10/04 08:31 |
| S33 | 0   | "20020046043".URPN.  | USPAT                        | OR | ON  | 2004/10/04 08:31 |
| S34 | 0   | "20020016839".URPN.  | USPAT                        | OR | ON  | 2004/10/04 08:32 |
| S35 | o   | "20020016839".URPN.  | USPAT                        | OR | ON  | 2004/10/04 08:32 |
| S36 | 0   | "6697432".URPN.  | USPAT                        | OR | ON  | 2004/10/04 08:33 |
| S37 | 15  | ("5285497"   "5287182"   "5319707"   "5565924"   "5619337"   "5635989"   "5703877"   "5801781"   "5838873"   "5844636"   "5847771"   "5899578"   "5940148"   "6115074"   "6332057"   "2001/0041056").PN. | USPAT                        | OR | ON  | 2004/10/04 08:33 |
| S38 | 3   | (process\$3 and data and financial and client and object).ab.  | US-PGPUB;<br>USPAT           | OR | ON  | 2004/10/04 08:56 |
| S39 | 0   | "20020056004".URPN.  | USPAT                        | OR | ON  | 2004/10/04 08:45 |
| S40 | 0   | "20020056004".URPN.  | USPAT                        | OR | ON  | 2004/10/04 08:45 |
| S41 | 131 | (deliver\$3 with data with client) and ( (data or information ) with (real-time or stream)) and (client with profile)  | US-PGPUB;<br>USPAT           | OR | ON  | 2004/10/04 08:57 |
| S42 | 64  | (deliver\$3 with data with client) and ( (data or information ) with (real-time or stream)) and (client with profile) and "709"/\$.ccls.   | US-PGPUB;<br>USPAT           | OR | ON  | 2004/10/04 09:27 |

|     |      |   |                    | ,    |    |                  |
|-----|------|---|--------------------|------|----|------------------|
| S43 | 37   | (deliver\$3 with data with client)<br>and ( (data or information ) with<br>(real-time or stream)) and (client<br>with profile) and financial                    | US-PGPUB;<br>USPAT | OR   | ON | 2004/10/04 08:59 |
| S44 | 0    | "20040049737".URPN.   | USPAT              | OR   | ON | 2004/10/04 09:00 |
| S45 | 0    | "20040133848".URPN.   | USPAT              | OR   | ON | 2004/10/04 09:06 |
| S46 | 0    | "20020112056".URPN.   | USPAT              | OR   | ON | 2004/10/04 09:06 |
| S47 | 0    | "20030115122".URPN.   | USPAT              | OR   | ON | 2004/10/04 09:06 |
| S48 | 0    | "20020157089".URPN.   | USPAT              | OR   | ON | 2004/10/04 09:09 |
| S49 | 0    | "20020059378".URPN.   | USPAT              | OR   | ON | 2004/10/04 09:10 |
| S50 | 0    | "20030115122".URPN.   | USPAT              | OR   | ON | 2004/10/04 09:26 |
| S51 | 78   | (deliver\$3 with (data or information) with (stream or real-time) ) and (cach\$3 with updat\$3 ) and "709"/\$.ccls.   | US-PGPUB;<br>USPAT | OR   | ON | 2004/10/04 09:30 |
| S52 | 172  | (deliver\$3 with (data or information) with (stream or real-time)) and (cach\$3 with updat\$3) and (process\$3 with (data or information))                      | US-PGPUB;<br>USPAT | OR · | ON | 2004/10/04 09:31 |
| S53 | . 0  | (deliver\$3 with (data or information) with (stream or real-time) ) and (cach\$3 with updat\$3 ) and (process\$3 with (data or information)) and /\$.ccls.      | US-PGPUB;<br>USPAT | OR   | ON | 2004/10/04 09:31 |
| S54 | 76   | (deliver\$3 with (data or information) with (stream or real-time) ) and (cach\$3 with updat\$3 ) and (process\$3 with (data or information)) and "709"/\$.ccls. | US-PGPUB;<br>USPAT | OR   | ON | 2004/10/04 09:55 |
| S55 | 4254 | (input adj data adj stream)   | US-PGPUB;<br>USPAT | OR · | ON | 2004/10/04 09:56 |
| S56 | 9    | (input adj data adj stream) and (deliver\$3 with data with updat\$3)  | US-PGPUB;<br>USPAT | OR   | ON | 2004/10/04 10:06 |
| S57 | 16   | "6343313".URPN.   | USPAT              | OR   | ON | 2004/10/04 09:59 |
| S58 | 0    | "6799196".URPN.   | USPAT              | OR   | ON | 2004/10/04 09:59 |
| S59 | 0    | "6799196".URPN.   | USPAT              | OR   | ON | 2004/10/04 09:59 |

| \$60 | 20   | ("4845658"   "5414865"   "5604487"   "5611047"   "5649186"   "5774668"   "5790789"   "5850517"   "5867821"   "5881232"   "5892911"   "5901287"   "5923362"   "6148334"   "6167441"   "6173316"   "6211871"   "6343313"   "6438576"   "6476833").PN.   | USPAT              | OR | ON . | 2004/10/04 09:59 |
|------|------|---|--------------------|----|------|------------------|
| S61  | 706  | (input adj data adj stream) and (deliver\$3 with data)  | US-PGPUB;<br>USPAT | OR | ON   | 2004/10/04 10:06 |
| S62  | 0    | (input adj data adj stream) and (deliver\$3 with data) and /\$.ccls.  | US-PGPUB;<br>USPAT | OR | ON   | 2004/10/04 10:07 |
| S63  | 65   | (input adj data adj stream) and (deliver\$3 with data) and "709"/\$. ccls.  | US-PGPUB;<br>USPAT | OR | ON   | 2004/10/04 10:07 |
| S64  | 0    | "20020013853".URPN.   | USPAT              | OR | ON   | 2004/10/04 10:09 |
| S65  | 0    | "6546428".URPN.   | USPAT              | OR | ON   | 2004/10/04 10:10 |
| S66  | 0    | "6546428".URPN.   | USPAT              | OR | ON   | 2004/10/04 10:11 |
| S67  | 50   | ("4386416"   "5121479"   "5261089"   "5269017"   "5276876"   "5282207"   "5319773"   "5319774"   "5371886"   "5426645"   "5428771"   "5432926"   "5446904"   "5469503"   "5500890"   "5539736"   "5546582"   "5551043"   "5561797"   "5581704"   "5581753"   "5592512"   "5594910"   "5611038"   "5613060"   "5666399"   "5682514"   "5706435"   "5724581"   "5734898"   "5751719"   "5754774"   "5758072"   "5758174"   "5765004"   "5768538"   "5781908"   "5787470"   "5802267"   "5813032"   "5832508"   "5878213"   "5909569"   "5931904"   "6003087"   "6035324"   "6073173"   "6148340"   "6401136"   "6434623").PN. | USPAT              | OR | ON   | 2004/10/04 10:11 |
| S68  | 16   | "6343313".URPN.   | USPAT              | OR | ON   | 2004/10/04 10:33 |
| S69  | 2583 | process\$3 with data with financial   | US-PGPUB;<br>USPAT | OR | ON   | 2004/10/04 10:47 |

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|-----|------|--|--------------------|----|-----|------------------|
| S70 | 170  | (process\$3 with data with financial).ab.  | US-PGPUB;<br>USPAT | OR | ON  | 2004/10/04 11:06 |
| S71 | 70   | (process\$3 with data with financial).ab. and (real-time or stream)                          | US-PGPUB;<br>USPAT | OR | ON  | 2004/10/04 11:37 |
| S72 | 1112 | (process\$3 with data with financial) and (real-time or stream)                              | US-PGPUB;<br>USPAT | OR | ON  | 2004/10/04 11:38 |
| S73 | 74   | (process\$3 with data with financial) with (real-time or stream)                             | US-PGPUB;<br>USPAT | OR | ON  | 2004/10/04 11:38 |
| S74 | 0    | "20030126056".URPN.  | USPAT              | OR | ON  | 2004/10/04 11:41 |
| S75 | 0    | "20020016839".URPN.  | USPAT              | OR | ON  | 2004/10/04 11:48 |
| S76 | 0    | "20020138389".pn. and queue  | USPAT              | OR | ON  | 2004/10/06 07:58 |
| S77 | 0    | "6513019".pn. and queue  | USPAT              | OR | ON  | 2004/10/06 11:46 |
| S78 | 347  | (event with queue) and (input with data with stream)   | US-PGPUB;<br>USPAT | OR | ON  | 2004/10/06 13:39 |
| S79 | . 3  | (event with queue) and (input with data with stream with financial)                          | US-PGPUB;<br>USPAT | OR | ON  | 2004/10/06 13:40 |
| S80 | 175  | (event with queue ) and (current with state) and (input with data with stream)               | US-PGPUB;<br>USPAT | OR | ON  | 2004/10/06 13:45 |
| S81 | 43   | (event with queue ) and (current with state) and (input with data with stream) and financial | US-PGPUB;<br>USPAT | OR | ON  | 2004/10/06 13:45 |
| S82 | 0    | communicat\$3 with adjust\$5 with rate with transferr\$3 with client                         | US-PGPUB;<br>USPAT | OR | ON  | 2004/10/07 09:33 |
| S83 | 3    | adjust\$5 with rate with transferr\$3 with client  | US-PGPUB;<br>USPAT | OR | ON  | 2004/10/07 09:34 |
| S84 | 40   | http with tunnel\$3 with transport\$3  | US-PGPUB;<br>USPAT | OR | ON  | 2004/10/07 09:48 |
| S85 | 1    | "6708213".pn. and rate   | US-PGPUB;<br>USPAT | OR | ON  | 2004/10/07 09:48 |
| S94 | . 1  | ("6513019").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2005/05/28 11:18 |
| S95 | . 1  | ("20020138389").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2005/05/28 11:18 |
| S96 | 1    | ("6480940").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2005/05/31 12:11 |
| S97 | · 1  | ("20020056004").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2005/05/31 12:11 |
| S98 | 14   | ("6513019").URPN.  | USPAT              | OR | ON  | 2005/05/31 12:26 |

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|----------|-------|---|------------------------------|----|----|------------------|
| S99      | 33    | ("4346442"   "4376978"   "4597046"   "4674044"   "4700297"   "4774663"   "4926325"   "4953085"   "5126936"   "5182770"   "5206803"   "5235507"   "5270922"   "5297032"   "5490243"   "5671363"   "5765144"   "5774880"   "5781654"   "5806049"   "5826243"   "5875435"   "5890141"   "5905974"   "5937402"   "5940809"   "5963922"   "6014640"   "6023684"   "6029147"   "6049783"   "6070152"   "6092121").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/05/31 13:40 |
| S10<br>0 | 1018  | (financial).ti.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/05/31 13:40 |
| S10<br>1 | . 17  | S100 and "709"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/05/31 13:40 |
| S10<br>2 | 40    | ("6023684").URPN.   | USPAT                        | OR | ON | 2005/05/31 13:59 |
| S10<br>3 | 19605 | (raw with data)   | USPAT                        | OR | ON | 2005/05/31 14:00 |
| S10<br>4 | 163   | (raw with data) same (cache )   | USPAT                        | OR | ON | 2005/05/31 14:00 |
| S10<br>5 | 2     | (raw with data) same (cache )same (profile)   | USPAT                        | OR | ON | 2005/05/31 14:00 |
| S10<br>6 | 2671  | (key with data with object)   | USPAT                        | OR | ON | 2005/05/31 14:01 |
| S10<br>7 | 250   | (key with data with object with identif\$5)   | USPAT                        | OR | ON | 2005/05/31 14:01 |
| S10<br>8 | 32    | (key with data with object with identif\$5 with type)   | USPAT                        | OR | ON | 2005/05/31 14:03 |
| S10<br>9 | 4     | (key with data with object with identif\$5 with type) and (raw with data)   | USPAT                        | OR | ON | 2005/05/31 14:03 |
| S11<br>0 | 0     | "6708166".pn. and cache   | US-PGPUB;<br>USPAT           | OR | ON | 2005/06/01 07:45 |
| S11<br>1 | 0     | (client with profile with subcription with (data or information))   | US-PGPUB;<br>USPAT           | OR | ON | 2005/06/01 07:46 |
| S11<br>2 | 1984  | (client with profile with (data or information))  | US-PGPUB;<br>USPAT           | OR | ON | 2005/06/01 07:46 |

|          | 1     |   |                    |      |     |                  |
|----------|-------|---|--------------------|------|-----|------------------|
| S11<br>3 | 426   | (client with profile with (data or information)) with (receiv\$3)   | US-PGPUB;<br>USPAT | OR   | ON  | 2005/06/01 08:01 |
| S11<br>4 | 1     | ("20020138389").PN.   | US-PGPUB;<br>USPAT | OR   | OFF | 2005/06/01 08:01 |
| S11<br>5 | 0     | ("2002/0138389").URPN.  | USPAT              | OR   | ON  | 2005/06/01 08:03 |
| S11<br>6 | 1     | ("20020056004").PN.   | US-PGPUB;<br>USPAT | OR   | OFF | 2005/06/01 08:04 |
| S11<br>7 | 1     | "20020056004".pn. and key   | US-PGPUB;<br>USPAT | OR   | ON  | 2005/06/01 08:04 |
| S11<br>8 | 1     | "20020056004".pn. and (object adj rule)   | US-PGPUB;<br>USPAT | OR   | ON  | 2005/06/01 08:05 |
| S11<br>9 | 1     | "20020056004".pn. and (positive with evaluation)  | US-PGPUB;<br>USPAT | OR   | ON  | 2005/06/01 08:06 |
| S12<br>0 | · 1   | "20020056004".pn. and (positive with evalu\$5)  | US-PGPUB;<br>USPAT | OR   | ON  | 2005/06/01 08:06 |
| S12      | 1     | "20020056004".pn. and ( evalu\$5)   | US-PGPUB;<br>USPAT | OR   | ON  | 2005/06/01 08:07 |
| S12<br>2 | 1     | "20020056004".pn. and (cache)   | US-PGPUB;<br>USPAT | OR   | ON  | 2005/06/01 08:07 |
| S12<br>3 | 1     | "20020138389".pn. and cache   | US-PGPUB;<br>USPAT | OR   | ON  | 2005/06/01 08:09 |
| S12<br>4 | 61    | "5132899"   | US-PGPUB;<br>USPAT | OR   | ON  | 2005/06/01 08:10 |
| S12<br>5 | 1     | ("5132899").PN.   | US-PGPUB;<br>USPAT | OR   | OFF | 2005/06/01 08:10 |
| S12<br>6 | 1     | ("5890140").PN.   | US-PGPUB;<br>USPAT | OR . | OFF | 2005/06/01 08:11 |
| S12<br>7 | 997   | (cache or memory or storage) with (updat\$3 or chang\$3) with (transmi\$5 or transf\$5 ) with object  | US-PGPUB;<br>USPAT | OR   | ON  | 2005/06/01 08:13 |
| S12<br>8 | 12957 | (cache or memory or storage) with<br>(updat\$3 or chang\$3) with<br>(transmi\$5 or transf\$5 ) with<br>(object or data or information or<br>stream)               | US-PGPUB;<br>USPAT | OR   | ON  | 2005/06/01 08:13 |
| S12<br>9 | 1     | (cache or memory or storage) with<br>(updat\$3 or chang\$3) with<br>(transmi\$5 or transf\$5) with<br>(object or data or information or<br>stream) and (finacial) | US-PGPUB;<br>USPAT | OR   | ON  | 2005/06/01 08:14 |

| S13<br>0 | 464        | (cache or memory or storage) with<br>(updat\$3 or chang\$3) with<br>(transmi\$5 or transf\$5 ) with<br>(object or data or information or<br>stream) and (financial)   | US-PGPUB;<br>USPAT | OR   | ON | 2005/06/01 08:14 |
|----------|------------|---|--------------------|------|----|------------------|
| S13<br>1 | 0          | (cache or memory or storage) with<br>(updat\$3 or chang\$3) with<br>(transmi\$5 or transf\$5 ) with<br>(object or data or information or<br>stream) and (finacial ) and<br>((evaluat\$3 or compar\$3 or<br>measur\$3) with (rule or filter\$3)) | US-PGPUB;<br>USPAT | OR . | ON | 2006/08/28 08:15 |
| S13<br>2 | . 1        | (cache or memory or storage) with (updat\$3 or chang\$3) with (transmi\$5 or transf\$5 ) with (object or data or information or stream) and (finacial ) and ((evaluat\$3 or compar\$3 or measur\$3))  | US-PGPUB;<br>USPAT | OR   | ON | 2005/06/01 08:16 |
| S13<br>3 | 381        | (cache or memory or storage) with (updat\$3 or chang\$3) with (transmi\$5 or transf\$5 ) with (object or data or information or stream) and (financial ) and ((evaluat\$3 or compar\$3 or measur\$3))   | US-PGPUB;<br>USPAT | OR   | ON | 2005/06/01 08:16 |
| S13<br>4 | 37         | (cache or memory or storage) with (updat\$3 or chang\$3) with (transmi\$5 or transf\$5 ) with (object or data or information or stream) and (financial ) and ((evaluat\$3 or compar\$3 or measur\$3) with (rule or filter\$3) )                 | US-PGPUB;<br>USPAT | OR   | ON | 2005/06/01 08:16 |
| S13<br>5 | 252        | ("5862325").URPN.   | USPAT              | OR   | ON | 2005/06/01 08:57 |
| S13      | 0          | "20050004978".pn. and cache   | USPAT              | OR   | ON | 2005/06/01 08:58 |
| S13<br>7 | 0          | "20050004978".pn. and memory  | USPAT              | OR   | ON | 2005/06/01 08:58 |
| S13<br>8 | 0          | "20050004978".pn. and (updat\$3 with object)  | USPAT              | OR   | ON | 2005/06/01 08:59 |
| S13<br>9 | 0          | "6708166" and (updat\$3 with (cache or stor\$4 or memory))  | US-PGPUB;<br>USPAT | OR   | ON | 2005/06/01 09:21 |
| S14<br>0 | 1          | "6708166" and (updat\$3 with (cache or stor\$4 or memory or version))   | US-PGPUB;<br>USPAT | OR   | ON | 2005/06/01 09:21 |
| S14<br>1 | 0          | "6708166".pn. and (updat\$3 with (cache or stor\$4 or memory) or version)   | US-PGPUB;<br>USPAT | OR   | ON | 2005/06/01 09:46 |
|          | 0.07.20 AM |   |                    |      |    | Dane 1'          |

| S14<br>2 | 1    | "6708166".pn. and (updat\$3 with object)   | US-PGPUB;<br>USPAT | OR      | ON  | 2005/06/01 09:47 |
|----------|------|--|--------------------|---------|-----|------------------|
| S14<br>3 | 1    | "20020138389".pn. and (updat\$3 with object)   | US-PGPUB;<br>USPAT | OR      | ON  | 2005/06/01 10:19 |
| S14<br>4 | 1    | ("20030195937").PN.  | US-PGPUB;<br>USPAT | OR      | OFF | 2005/06/01 10:21 |
| S14<br>5 | 1    | ("20030200282").PN.  | US-PGPUB;<br>USPAT | OR      | OFF | 2005/06/01 10:22 |
| S14<br>6 | . 1  | ("20030014517").PN.  | US-PGPUB;<br>USPAT | OR<br>· | OFF | 2005/06/01 10:23 |
| S14<br>7 | 1    | ("20040015964").PN.  | US-PGPUB;<br>USPAT | OR      | OFF | 2005/06/01 10:24 |
| S14<br>8 | 1    | ("20030204619").PN.  | US-PGPUB;<br>USPAT | OR      | OFF | 2005/06/02 08:44 |
| S14<br>9 | 1    | ("6708213").PN.  | US-PGPUB;<br>USPAT | OR      | OFF | 2005/06/02 08:48 |
| S15<br>0 | 0    | (monitor\$3 with performance) same ( adjust\$3 with rate with trsnmi\$5)   | US-PGPUB;<br>USPAT | OR      | ON  | 2005/06/02 08:50 |
| S15<br>1 | 0    | (monitor\$3 with performance) same ( adjust\$3 with trsnmi\$5)   | US-PGPUB;<br>USPAT | OR      | ON  | 2005/06/02 08:49 |
| S15<br>2 | 0    | (monitor\$3 ) same ( adjust\$3 with trsnmi\$5)   | US-PGPUB;<br>USPAT | OR      | ON  | 2005/06/02 08:49 |
| S15<br>3 | 4002 | (monitor\$3 ) same ( adjust\$3 with transmi\$5)  | US-PGPUB;<br>USPAT | OR      | ON  | 2005/06/02 08:50 |
| S15<br>4 | 15   | (monitor\$3 with performance)<br>same ( adjust\$3 with rate with<br>transmi\$5)  | US-PGPUB;<br>USPAT | OR      | ON  | 2005/06/02 08:51 |
| S15<br>5 | 29   | (monitor\$3 with ( performance or<br>netowrk\$3 or communication with<br>(user or client))) same ( adjust\$3<br>with rate with (transmi\$5 or<br>transf\$4)) | US-PGPUB;<br>USPAT | OR .    | ON  | 2005/06/02 08:55 |
| S15<br>6 | 3901 | (port with type) same ((different or unlike or dissimilar) with port)  | US-PGPUB;<br>USPAT | OR      | ON  | 2005/06/02 09:43 |
| S15<br>7 | 3895 | (port with type) same ((different or unlike) with port)  | US-PGPUB;<br>USPAT | OR      | ON  | 2005/06/02 09:43 |
| S15<br>8 | 3189 | (port with type) with((different or unlike) with port)   | US-PGPUB;<br>USPAT | OR      | ON  | 2005/06/02 09:43 |
| S15<br>9 | 3189 | (port with type) with (different or unlike) with port  | US-PGPUB;<br>USPAT | OR      | ON  | 2005/06/02 09:43 |
| S16<br>0 | 3189 | (port with type) with (different or unlike)  | US-PGPUB;<br>USPAT | OR      | ON  | 2005/06/02 09:43 |

|          |       |   | ,                                      |    |     |                  |
|----------|-------|---|--|----|-----|------------------|
| S16<br>1 | 728   | (port with type) with (different or<br>unlike) with (multiple or many or<br>plural\$3)                        | US-PGPUB;<br>USPAT                     | OR | ON  | 2005/06/02 09:44 |
| S16<br>2 | 0     | (port with type) with (different or<br>unlike) with (multiple or many or<br>plural\$3) same master same salve | US-PGPUB;<br>USPAT                     | OR | ON  | 2005/06/02 09:45 |
| S16<br>3 | 4     | (port with type) with (different or<br>unlike) with (multiple or many or<br>plural\$3) same master same slave | US-PGPUB;<br>USPAT                     | OR | ON  | 2005/06/02 09:48 |
| S16<br>4 | 4     | (prot with type with different)   | US-PGPUB;<br>USPAT                     | OR | ON  | 2005/06/02 09:49 |
| S16<br>5 | 3129  | (port with type with different)   | US-PGPUB;<br>USPAT                     | OR | ON  | 2005/06/02 09:49 |
| S16<br>6 | 2     | (port with type with different with master with slave)  | US-PGPUB;<br>USPAT                     | OR | ON  | 2005/06/02 09:50 |
| S16<br>7 | . 3   | "6060890"   | US-PGPUB;<br>USPAT                     | OR | ON  | 2005/06/02 10:33 |
| S16<br>8 | 1     | ("6060890").PN.   | US-PGPUB;<br>USPAT                     | OR | OFF | 2005/06/02 10:34 |
| S16<br>9 | 1     | ("0963079").PN.   | US-PGPUB;<br>USPAT;<br>EPO             | OR | OFF | 2005/06/02 10:34 |
| S17<br>0 | 6     | "963079"  | US-PGPUB;<br>USPAT                     | OR | ON  | 2005/06/02 10:35 |
| S17<br>1 | 1     | "20020056004".pn. and (state adj event)   | US-PGPUB;<br>USPAT                     | OR | ON  | 2006/06/20 06:50 |
| S17<br>2 | 1     | "20020056004".pn. and (positive adj evaluation)   | US-PGPUB;<br>USPAT                     | OR | ON  | 2006/06/20 07:46 |
| S17<br>3 | 1     | "20020056004".pn. and (client adj<br>event)   | US-PGPUB;<br>USPAT                     | OR | ON  | 2006/06/20 08:28 |
| S17<br>4 | 1     | "20020056004".pn. and (event)   | US-PGPUB;<br>USPAT                     | OR | ON  | 2006/06/20 08:28 |
| S17<br>5 | 5041  | (state with queue)  | USPAT                                  | OR | ON  | 2006/06/22 12:51 |
| S17<br>6 | 6866  | (cache with updat\$3)   | USPAT                                  | OR | ON  | 2006/06/22 12:52 |
| S17<br>7 | 23    | S176 with (state with queue)  | USPAT                                  | OR | ON  | 2006/06/22 14:50 |
| S17<br>8 | 12692 | (cache with updat\$3)   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON  | 2006/06/22 14:50 |
| S17<br>9 | 23    | S178 with (state with queue)  | USPAT                                  | OR | ON  | 2006/06/22 12:53 |

|          | LAST Scarcif History |  |  |    |    |                  |  |  |
|----------|----------------------|--|--|----|----|------------------|--|--|
| S18<br>0 | 0                    | "20040039671".pn. and (queue)                                | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2006/06/22 13:23 |  |  |
| S18<br>1 | 2                    | "20040039671".pn. and (status<br>adj code)                   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2006/06/22 13:23 |  |  |
| S18<br>2 | 13840                | (cach\$ with updat\$3)                                       | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2006/06/22 13:29 |  |  |
| S18<br>3 | 157376               | (cache memory storage) near4<br>(updat\$3 chang\$3 modif\$4) | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2006/06/22 13:30 |  |  |
| S18<br>4 | 468                  | S183 same ((state status ) with ( queue))                    | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2006/06/22 13:32 |  |  |
| S18<br>5 | 228                  | S183 with ((state status ) with ( queue))                    | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2006/06/22 14:51 |  |  |
| S18<br>6 | 0                    | "6513019".pn. and queue                                      | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2006/06/22 14:42 |  |  |
| S18<br>7 | 0                    | "20020138389".pn. and queue                                  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2006/06/22 14:43 |  |  |
| S18<br>8 | 0                    | S176 with (state with queue) and "709"/\$.ccls.              | USPAT                                  | OR | ON | 2006/06/22 14:50 |  |  |
| S18<br>9 | 0                    | (cache with updat\$3) and 709/4. ccls.                       | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2006/06/22 14:50 |  |  |
| S19<br>0 | 1921                 | (cache with updat\$3) and "709"/\$. ccls.                    | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2006/06/22 14:50 |  |  |
| S19<br>1 | 86                   | S190 and (state with queue)                                  | USPAT                                  | OR | ON | 2006/06/22 14:50 |  |  |
| S19<br>2 | 39                   | S185 and "709"/\$.ccls.                                      | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2006/06/22 14:51 |  |  |

| S19<br>4 | 70640 | (((deliver\$3 transfer\$4 transmi\$5) near4 (data info inforamtion)) and (transform\$3 format\$4 generat\$3)).ab. | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24 13:09 |
|----------|-------|---|--|----|----|------------------|
| S19<br>5 | 15    | S194 and ( client same event<br>same queue same (data info<br>information report))                                | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/24 13:11 |